

In the Specification:

Please replace the second full paragraph on page 8 of the specification with the following paragraph:

The beam fans 41 to 45 form a group and define a beam cluster 70 with a tent- like shape. A group of beam fans is called a projection. For each projection there is then defined a rectangular, virtual detector ~~160~~ 60 which lies in a plane that includes the axis of rotation 14 and is oriented perpendicular to the parallel beam fans of a projection. The corner points of the virtual detector ~~160~~ 60 are the penetration points of the beams which from the outer radiation source positions come into contact with the opposite helix section, through this plane. For the beam cluster 70 in figure 3, S 2 and S2 are the outer radiation source positions. Detector elements that are arranged in a Cartesian manner are defined on the rectangular detector ~~160~~ 60, that is to say rows and columns on which the measured values are reinterpolated.

Please replace the fifth full paragraph on page 8 of the specification with the following paragraph:

For this, use is made of respectively successive values in the direction perpendicular to the axis of rotation 14, that is to say along a row of the virtual detector ~~160~~ 60. This filtering is carried out along each row of the virtual detector for all groups of beam fans.